

- F1
Cancel.*
- 36 Recess
 - 38 Surface
 - 40 Backstrap
 - 42 Upper cross pin
 - 43 Lower cross pin
 - 44 Transverse projection of blocking piece
 - 46 Mandrel
 - 48 Stop pin
 - 50 Link
 - 52 Cam Track
 - 54 Horizontal segment of cam track
 - 56 Inclined segment of cam track
 - 58 Camming stud of link
 - 60 Connecting arm of link
 - 62 Trigger hole
 - 64 Triggerbar hole
 - 66 Spring seat of triggerbar
 - 68 Bearing surface of triggerbar
 - 70 Assembly of 20, 22, 24, 34, and 50
 - 72 Slot
 - 74 Window
 - 76 Opening--

✓ **Claims:**

Cancel all claims of record and substitute new claims 141 to 160, as follows.

141. In a firearm having a sear, a trigger, a triggerbar, and a longitudinally slidable firing element; a passive safety mechanism comprising:

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- a. a blocking means to block said firing element; and
 - b. a connecting means which connects said trigger to said blocking means, and to said triggerbar.

142. The passive safety mechanism of claim 141 wherein said connecting means is slidable.

143. The passive safety mechanism of claim 141 wherein said connecting means comprises a slidable link.

144. The passive safety mechanism of claim 143 wherein said slidable link has an arm which passes through said trigger and into said triggerbar.

145. The passive safety mechanism of claim 141 wherein said connecting means provides pivot means for said triggerbar.

146. In a firearm having a sear, a trigger, a triggerbar, and a longitudinally slidable firing element; a passive safety mechanism comprising:

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a. a blocking means to block said firing element; and

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b. a slidable connecting means which connects said blocking means to said trigger.

147. The passive safety mechanism of claim 146 wherein said trigger is longitudinally slidable.

148. The passive safety mechanism of claim 146 wherein said blocking means comprises a slidable blocking piece.

149. The passive safety mechanism of claim 146 wherein said slidable connecting means comprises a slidable link.

150. The passive safety mechanism of claim 146 wherein said blocking means acts directly upon a sear catch of said firing element.

151. The passive safety mechanism of claim 146 wherein a positive stop means limits the maximum downward position of said blocking means.

152. The passive safety mechanism of claim 151 wherein said positive stop means comprises a mandrel for a torsion spring.

153. In a firearm having a frame, a sear, a trigger, a triggerbar, and a longitudinally slidable firing element; a passive safety mechanism comprising:

a. a blocking piece for blocking said firing element;

characterized in that rearward trigger motion cams said blocking piece to an unblocked position.

154. The passive safety mechanism of claim 153 wherein said blocking piece has a transverse cantilever projection.

155. The passive safety mechanism of claim 153 wherein means for positive stop limits the maximum downward position of said blocking piece.

156. The passive safety mechanism of claim 153 wherein said blocking piece is accessed for camming through a window in said frame.

157. The passive safety mechanism of claim 153 wherein a camming stud engages a cam track.